

# Converting Colors

Hex(C1D0FE)

Have a look what the booklet for  
Hex(C1D0FE) contains.

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# **Color**

**Hex(C1D0FE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C1D0FE                      |
| RGB         | 193, 208, 254               |
| RGB Percent | 76%, 82%, 100%              |
| CMY         | 0.2431, 0.1843, 0.0039      |
| CMYK        | 0.24, 0.18, 0.00, 0.00      |
| HSL         | 225°, 97%, 88%              |
| HSV         | 225°, 24%, 100%             |
| XYZ         | 62.4376, 63.6050, 102.7521  |
| YIQ         | 208.7590, -23.7060, 11.1260 |

# Conversions

## Conversions Part 2

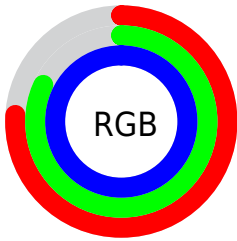
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 193, 205, 254                  |
| Decimal                             | 12701950                       |
| CIE Lab                             | 83.76, 4.65, -24.17            |
| CIE LCh                             | 84, 24.617, 280.890            |
| Yxy                                 | 63.6050, 0.2729,<br>0.2780     |
| Android<br>(android.graphics.Color) | 4290892030<br>(0xFFC1D0FE)     |
| YUV                                 | 208.7590, 22.3038,<br>-13.8206 |
| Hunter-Lab                          | 79.7527, 0.1786,<br>-20.5614   |

# Details

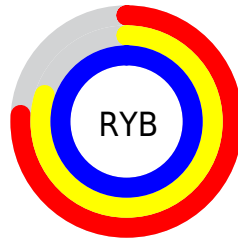
The Hex color **C1D0FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FEEFC1**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FAFFFF**, and **8A9AC5** is the 20% darker color. If you saturate the color by 10%, you get **A8BDFE**, and if you desaturate by 10%, it is **DAE3FE**.

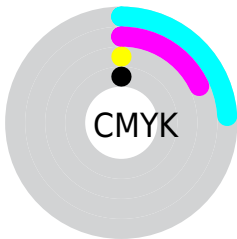
# Distribution



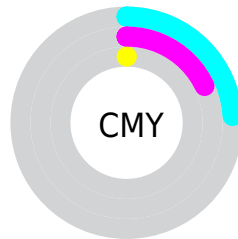
- Red (76%)
- Green (82%)
- Blue (100%)



- Red (76%)
- Yellow (80%)
- Blue (100%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1D0FE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C1D0FE by changing the saturation by 10% instead.



 C1D0FE

FFFFFF

 FAFFFF

 C1D0FE

 A5B4E1

 8A9AC5

 7080AA

 57678F

 3E4F76

 25385D

 092345

 000D2E

 000119

 C1D0FE

 C1D0FE

 A8BDFE

 DAE3FE

 8EAAFE

 F4F6FE

 7597FE

FFFFFFE

 5B83FE

 4270FE

 295DFE

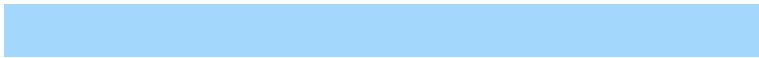
 0F4AFE

 003EFE

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3D7FC



C1D0FE



DFC8F4

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C1D0FE



FEC4B3



A6DDC1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C1D0FE



FEEFC1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C0D9AD



C1D0FE



F0CAA6

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C1D0FE



FFC0C9



DAD2A3



94DED9

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C1D0FE



F0C4E8



DAD2A3



AEDCBA



# Sweetspot

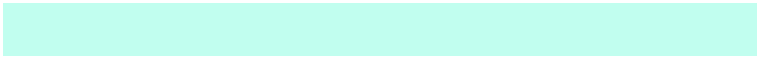
The Sweet Spot groups the original color and five complimentary colors.



C1D0FE



EDF2FF



C1FEEF



757880



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C1D0FE



B5C7FF



D0C1FE



737680



002FBF



001040



# Inverse Universe

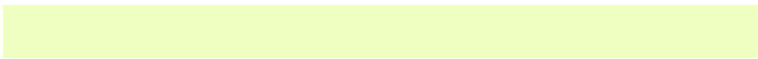
The Inverse Universe completely reimagines the original color for something new.



FEC1D0



FFB5C7



EFFEC1



807376



BF002F

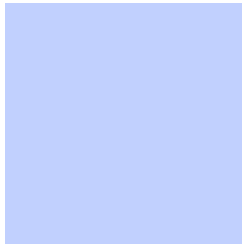


400010



# Previews

## White Background



This preview shows how the Hex color C1D0FE looks on a white background.

## Color Contrast Check

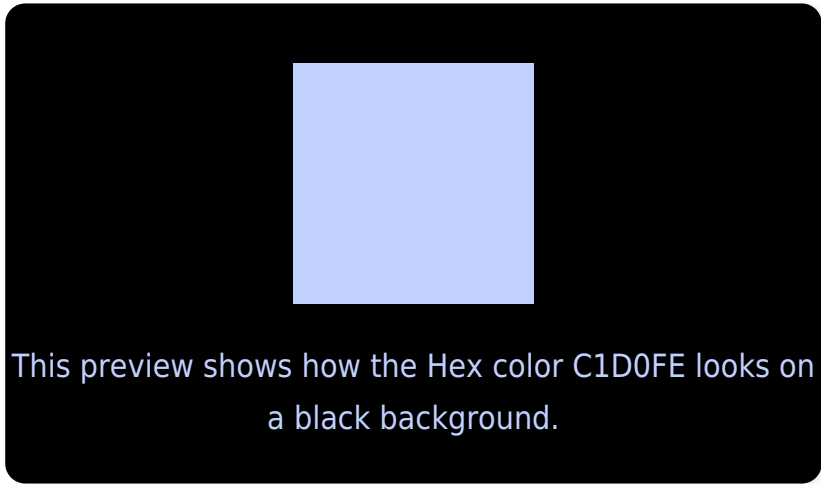
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

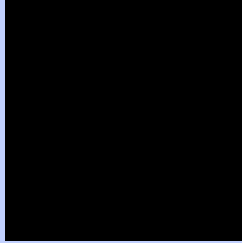
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1D0FE Background



This preview shows how black text looks on a background with the Hex color C1D0FE.



This preview shows how white text looks on a background with the Hex color C1D0FE.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



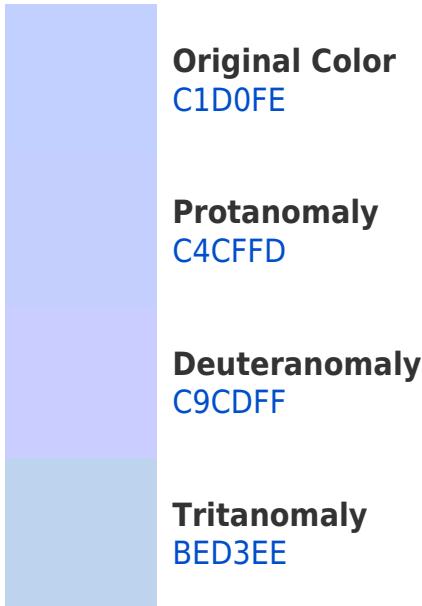
**Original Color**  
C1D0FE

**Protanopia**  
C6CFFD

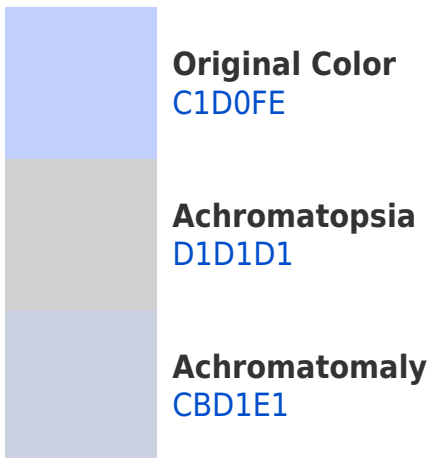
**Deuteranopia**  
CECCFF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1D0FE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C1D0FE looks like.

```
.text, #text, p{  
    color:#C1D0FE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C1D0FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D0FE
}
```

## Border

The CSS property to change the border of an element to Hex C1D0FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1D0FE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C1D0FE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C1D0FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D0FE; -webkit-box-shadow:4px 4px  
4px 4px #C1D0FE; box-shadow:4px 4px 4px  
4px #C1D0FE }
```

# Background

The CSS property to change the background color of an element to Hex C1D0FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D0FE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C1D0FE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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